

# Quality Times

Section 1309

February 2012



Northern Colorado  
Section

Website: [www.asq1309.com](http://www.asq1309.com)  
Email: [info@asq1309.com](mailto:info@asq1309.com)



## February Monthly Meeting

### Section 1309 Monthly Meeting

**Date:** Wednesday, February 15, 2012

**Time:** 5:30—7:00 pm

**Please RSVP by Tuesday, February 14, 2012 to:** [info@asq1309.com](mailto:info@asq1309.com)

**Food:** 5:30-6:00 pm

**Presentation Time:** 6:00-7:00 pm

**Business/Board Meeting:** 7:00-8:00 pm

**Topic:** Robust Design: Past, Present, and Future

**Program Abstract:** Robust Design is a collection of tools used to maximize product consistency, customer satisfaction, and profitability. This presentation reviews major steps in the development of robust design tools today, and outlines a vision for robust design in the 21st century.

**Speaker:** Andy Sleeper, Director of Process Improvement for the Colorado Department of Transportation

**Speaker Bio:** Andy is a consultant and trainer specializing in Design For Six Sigma tools to design new products with optimized quality, performance, and cost. He is the author of three books on statistical tools, and holds three ASQ certifications.

**Location:** Hewlett Packard Ft. Collins Campus – Building 3, Conference room 3LC5

**Directions:** From I-25 take the Harmony Exit #265. Go west towards Ft. Collins for approximately 1 mile, the HP campus will be on the North side of the road. Take the 2nd entrance into the HP Campus (do not turn at the light for Lady Moon Drive, go to the second entrance co-labeled HP & Avago). Turn in and go straight into a circular parking lot, keep to your right and park anywhere on the right side of the circle. At the NE corner of the circular lot is the Building 3 Lobby sign, go into the lobby, tell the security guard you're there for the ASQ meeting and sign in. Mike Adamson will be there shortly and will need to escort everyone from the lobby to the conference room which is just down the hall. Mike's cell phone is 970-481-1111, call if you need assistance.

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## *Sponsor's Box*

Section 1309 is looking for sponsors for this newsletter. Please contact any the newsletter editor ([michael\\_tapia@yahoo.com](mailto:michael_tapia@yahoo.com)) if you or your company is interested in advertising in this newsletter.

## *ASQ Certification Local Exam Schedule*

Exam Date	Application Deadline	Certification Exam
March 3, 2012	January 16, 2012	CBA, CHA, CMQ/OE, CQI, CQT, CRE, SSBB
June 2, 2012	April 13, 2012	CCT, CPGP, CQA, CQE, CQIA, CQPA, CSQE, SSGB
October 6, 2012	August 17, 2012	CBA, CHA, CMQ/OE, CQI, CQT, CRE, SSBB
December 1, 2012	October 12, 2012	CCT, CPGP, CQA, CQE, CQIA, CQPA, CSQE, SSGB

For more details or to register please visit: <http://www.asq.org/certification/>

## *Local News*

### **ASQ Section 1313 Member from Lyons has recently received the ASQ “Fellow” designation**

**Edward R. Arling, Quality Compliance Associates LLC, Lyons, Colo.** — For outstanding leadership in practical application and promotion, education, and publication on quality and compliance improvements in the pharmaceutical and biopharmaceutical industry; for promoting and facilitating significant improvements to both government- and industry-based quality and regulatory programs on a global basis; and for support to ASQ CPGP Certification.”

Link: <http://www.asq.org/media-room/press-releases/2012/20120105-fellow-status-22-members.html>

## *Section 1309 News*

### **Speakers Needed for ASQ Section 1309 Monthly Meetings**

Section 1309 needs speakers for 2011-2012. If interested in presenting or know someone that may be interested please contact Mike Adamson, Section 1309 Program Chair.

Mike can be contacted via email ([mike.adamson@hp.com](mailto:mike.adamson@hp.com)).

## *Job Openings—Local*

### **Rosemount DP Flow Design and Operations Emerson Process Management Boulder, CO**

Emerson Process Management ([www.emerson.com](http://www.emerson.com)) is a leader in helping businesses automate their production, processing and distribution in the chemical, oil and gas, refining, pulp and paper, power, water and wastewater treatment, metals and mining, food and beverage, pharmaceutical and other industries. A division of Emerson, Rosemount DP Flow Design and Operations is a global leader in high-precision pressure, temperature, level, and flow instrumentation.

**Job Title:** QA Inspector I

**Shift:** 2nd Shift. Monday – Thursday from 3:45 pm – 2:15 am

**Job Location:** Boulder, CO

**Job Type:** Direct Hire (Relocation is not available for this position)

#### **Primary Objectives of Position:**

To inspect dimensional/visual characteristics to established procedures. Provide guidance in the use and interpretation of inspection criteria. Position may be in Receiving, In-process or Final Inspection.

#### **Responsibilities:**

- Inspect dimensional/visual characteristics of material, parts and assemblies
- Record inspection results for company and customer reviews; compile data on PC - Electronic and paper files will be created
- Work with detailed instructions, specifications, and codes (ANSI, ASME and others)
- Communicates effectively, interface with production for problem resolution
- Clerical duties as required
- Manage electronic data
- Scanning of MTRs into an electronic data base

#### **Requirements:**

- One to two years mechanical inspection experience or equivalent combination of experience and education
- Ability to read engineering controlled prints
- Ability to problem solve
- Good organizational
- Basic PC skills and computer experience
- Basic knowledge of hand tools (calipers, thread gages, ring gages, etc.)
- Good written and verbal communication skills
- Desire to learn and develop within the Quality Assurance field
- High School Diploma or equivalent

#### **Physical Requirements:**

- Ability to lift a minimum of 35 lbs (some heavy lifting required)
- Ability to team lift 70 lbs (two people or more)
- Must wear safety shoes and safety glasses and other PPE as required

Interested individuals should apply through our on-line application process. You may visit our careers page at <https://jobs.emersonprocess.com> or click on the below link.

[https://jobs.emersonprocess.com/psc/TAMEXT/EMPLOYEE/HRMS/c/HRS\\_HRAM.HRS\\_CE.GBL?PAGE=HRS\\_CE\\_JOB\\_DTL&JobOpeningId=1004677&ACTION=A](https://jobs.emersonprocess.com/psc/TAMEXT/EMPLOYEE/HRMS/c/HRS_HRAM.HRS_CE.GBL?PAGE=HRS_CE_JOB_DTL&JobOpeningId=1004677&ACTION=A)

## *Job Openings—Local (continued)*

### **E.I. Medical Imaging Loveland, CO Quality Assurance Manager**

#### **Job Summary**

Responsible for quality assurance activities for all E.I. Medical Imaging (EIMI) products. Responsible for driving and maintaining quality activities related to manufacturing and business processes. Receive and track shipments against EIMI internal specification documents for all shipments delivered to EIMI. Inspect all product shipments for quality against product specifications.

Provides specialized technical expertise in support of the Quality program, including specialized inspection and testing techniques, quality training, statistical methods, audits, quality tools for problem solving and assessment. Creates inspection reports to ensure quality requirements are met. Makes recommendations for corrective action. Applies knowledge of quality systems and tools to ensure quality products and processes are produced and employed. Implements principles of performance evaluation and prediction methods are used to improve product systems safety, reliability, and maintainability. Responsible for maintaining quality standard of products and the procedures and materials that go into work scope. Aligns quality management function with the performance needs of product lines. Under general supervision, solves complex problems requiring detailed knowledge of field and industry best practices. Uses experience and problem solving skills to develop and improve processes.

#### **Summary of essential job functions**

- Quality assurance activities for all raw components and finished EIMI products
- Receiving and inspection of all inbound goods against purchase order and specifications
- Testing of production and service products
- Final order fulfillment against sales orders
- Performs internal supplemental audits of quality discipline to verify that facility records (e.g., equipment, training files) are in conformance to applicable SOP and regulatory requirements.
- Ensures systems used in QA are properly maintained (e.g., QA audit records, training records).
- Compile data for annual management quality reviews as Management Representative
- Perform other related Quality duties as assigned

#### **Requirements**

- Detail oriented
- Knowledge and understanding of Quality Management Systems
- Knowledge and understanding of ISO 9001 (understanding of ISO 13485 a plus)
- Experience performing investigations and displays good problem-solving skills
- Good customer service skills, both oral and written
- Understanding of electronics and components a plus
- Good verbal and written communication, organization, prioritization, displays sound judgment
- Spanish speaking a plus
- Use of PC and applicable related software packages
- High School Diploma or equivalent

All interested candidates should submit a resume and summary of qualifications to: [info@eimedical.com](mailto:info@eimedical.com).  
Deadline for applications is February 13, 2012.

## *Job Openings—Local (continued)*

**NREL  
Golden, CO  
Sr. Quality Assurance Manager  
Requisition Number 2362BR**

### **Job Summary**

Responsible for quality assurance activities for all E.I. Medical Imaging (EIMI) products. Responsible for driving and maintaining quality activities related to manufacturing and business processes. Receive and track shipments against EIMI internal specification documents for all shipments delivered to EIMI. Inspect all product shipments for quality against product specifications.

Provides specialized technical expertise in support of the Quality program, including specialized inspection and testing techniques, quality training, statistical methods, audits, quality tools for problem solving and assessment. Creates inspection reports to ensure quality requirements are met. Makes recommendations for corrective action. Applies knowledge of quality systems and tools to ensure quality products and processes are produced and employed. Implements principles of performance evaluation and prediction methods are used to improve product systems safety, reliability, and maintainability. Responsible for maintaining quality standard of products and the procedures and materials that go into work scope. Aligns quality management function with the performance needs of product lines. Under general supervision, solves complex problems requiring detailed knowledge of field and industry best practices. Uses experience and problem solving skills to develop and improve processes.

### **Job Duties**

- Support ongoing maintenance/implementation of NREL's QA Program.
- Assist in developing QA work products including policies, lab-level procedures, local desk procedures, and implementation tools.
- Apply advanced QA technical and management skills to solve moderately complex problems while implementing the QA Program across the Laboratory.
- Lead cross-cutting and focused QA assessments throughout the Laboratory.
- Perform causal analysis, create formal assessment reports, and manage corrective actions from assessments.
- As a QA Representative, provide advanced support and guidance to assigned organizations. Support and guidance includes:
  - Risk assessments.
  - Process development.
  - Measurement program development and data analysis.
  - Corrective action management, including root cause analysis, and extent of condition/cause.
  - Process improvement.
- Assist Office management with annual QA Program/Project planning for the QA Program.
- Perform special project technical work: individually, as a team member, or as a team lead.
- Support ISO accreditation/certification efforts throughout the Laboratory.
- Develop and conduct Quality-related training for NREL staff and educate management about the QA Program. Training may also include presentations at new employee orientation.
- Represent NREL in external forums, such as, EFCOG, Battelle Communities of Practice and other DOE/national lab events. Conduct presentations at forums, as requested.

### **Required Education and Experience**

Relevant Bachelor's Degree and 9 or more years of experience or equivalent relevant education/experience.  
Or, relevant Master's Degree and 7 or more years of experience or equivalent relevant education/experience.  
Or, relevant PhD and 4 or more years of experience or equivalent relevant education/experience.  
Or, relevant JD and 4 or more years of experience or equivalent relevant education/experience.

## *Job Openings—Local (continued)*

### **Required Knowledge, Skills, and Attributes**

Applies extensive technical expertise, and has full knowledge of other related disciplines. Contributes to the development of new concepts, techniques and standards. Considered internal subject matter expert.

Extensive knowledge of laws, regulations, principles, procedures and practices related to specific field. Excellent leadership, project management and problem solving skills. Ability to use various computer software programs.

### **Additional Required Knowledge, Skills and Attributes**

- Master's degree in a scientific or technical discipline is required; or a combination of bachelor's degree, professional certification, and relevant experience.
- 10 years of relevant experience implementing Quality Management Systems.
- Demonstrated advanced skills in one or more areas of the QA Program and intermediate experience in project management or team/group management.
- Advanced QA skills, abilities, and techniques in select QA areas.
- Ability to develop standards for Laboratory areas where little precedence exists.
- Evidence of formal Quality Assurance training is required (e.g., ISO Management Systems, Six-Sigma, Baldrige, CMMI, Conducting Assessments, Process Mapping, Performing Root Cause Analysis, Performance Measurements, etc.)
- Excellent consultative, interpersonal, facilitation and communicative skills are required and essential to successful job performance. Incumbent will work in an environment requiring initiative, independent judgment, and decision making. The ability to cope with ambiguity and use facilitation, team building, and coaching skills is also required.
- Proficient at using all applications in the MS Office suite.

### **Preferred Qualifications**

- Experience with multiple Quality Management Systems desired (e.g., ISO-9001, ISO-14001, OHSAS 18001, ISO-17025, ANSI-Z1.13, DOE O 414.1, CMMI, etc.)
- Experience with implementing QA Programs within Research and Development organizations.
- Experience leading teams in conducting root cause analysis.
- Experience with the identification of suspect and counterfeit items.
- Formal certification in the quality discipline desired (e.g., Certified Manager of Quality/Organizational Excellence, Certified Quality Auditor, Certified Quality Engineer, Certified Software Quality Engineer, Lead Auditor Certification, etc.)

### **EEO Policy**

NREL is dedicated to the principles of equal employment opportunity. NREL promotes a work environment that does not discriminate against workers or job applicants and prohibits unlawful discrimination on the basis of race, color, religion, sex, national origin, disability, age, marital status, ancestry, actual or perceived sexual orientation, or veteran status, including special disabled veterans.

NREL validates right to work using E-Verify. NREL will provide the Social Security Administration (SSA) and, if necessary, the Department of Homeland Security (DHS), with information from each new employee's Form I-9 to confirm work authorization. For additional information, please see [www.nrel.gov/employment/eo.html](http://www.nrel.gov/employment/eo.html).

### **Link**

## *Spring 2012 ASQ Boulder Section 1313 Course Offerings*

Course name	Course Fee <sup>1</sup>	Class Dates	Class Registration Deadline
<b>1301 - Certified Quality Engineer (CQE) Review</b>	Member \$400.00 Non-Member \$450.00	TBA Sat. meetings 8.5 hours per meeting with half hour food break (24 total Hours)	TBA
<b>1305 – Certified Software Quality Engineer (CSQE) Review</b>	Member \$400.00 Non-Member \$450.00	TBA 8 Weekly meetings 3 hours each, after work-day (6pm to 9pm)	TBA

<sup>1</sup>ASQ or other professional society member/non-member fee. Cost of primers, texts, workbooks, etc. are in addition to course fee.

A list of instructor biographies, course descriptions, and registration information can be found on the ASQ Boulder Section web site, <http://www.asq1313.org/>. Select the link for course offerings to obtain the registration form. If enough Northern Colorado section members sign-up for a class, the Boulder section is willing to consider a location in the Fort Collins area. If a class you need is not listed above, please contact the Boulder education chair John Beachman at [john.beachman@covidien.com](mailto:john.beachman@covidien.com).

**GUARANTEE:** If you pay for and take one of Boulder's ASQ Certification review courses and still fail the Certification Exam, you may retake the course for free as many times as you need. The instructor reserves the right to charge for course materials (e.g., handouts, etc.).

## *Welcome from your Newsletter Editor*

Dear ASQ Section 1309 Member,

As always, please send your comments to me at [michael\\_tapia@yahoo.com](mailto:michael_tapia@yahoo.com).

*Michael Tapia*

ASQ Northern Colorado  
Section 1309 Member Leaders

**Chair:**

**Randy Johnson**  
[rjohns@woodward.com](mailto:rjohns@woodward.com)

**Vice Chair:**

**Angela Behunin**  
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**Secretary:**

**Margaret Royale**  
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**Treasurer:**

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**Nominations:**

**Mike Gentry**  
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**Education:**

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**Programs:**

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**Web Site:**

**Kirsten Larsen**  
[ktlarsen@bouldersci.com](mailto:ktlarsen@bouldersci.com)

## *Open Positions:*

**Volunteers earn 1.5 RCU per committee per year!**

None at the present

## *Newsletter or Website Submissions*

Please contact [info@asq1309.com](mailto:info@asq1309.com) for newsletter or website submissions. Acceptable submissions received before the 20th of each month will be included in the following month's newsletter or website. Examples of submissions are:

- Job Postings
- ASQ Member Resumes
- Ads (there is a fee for advertisements)
- Conference Information
- Informative Articles
- News



Remember to go to [www.asq.org](http://www.asq.org) for ASQ news, events, courses, job searches, and updates to your profile.